

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129272.D
 Acq On : 18 Jul 2022 17:34
 Operator : CG\JU
 Sample : N3731-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 19 02:08:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	249386	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	991111	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	509447	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	820910	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	471135	20.000	ng	0.00
86) Perylene-d12	15.568	264	515919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1900771	121.725	ng	0.02
7) Phenol-d6	6.534	99	2212591	109.555	ng	0.00
23) Nitrobenzene-d5	7.463	82	1711951	92.332	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	657874	139.129	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2776798	92.344	ng	0.00
79) Terphenyl-d14	13.016	244	2421052	96.131	ng	0.00

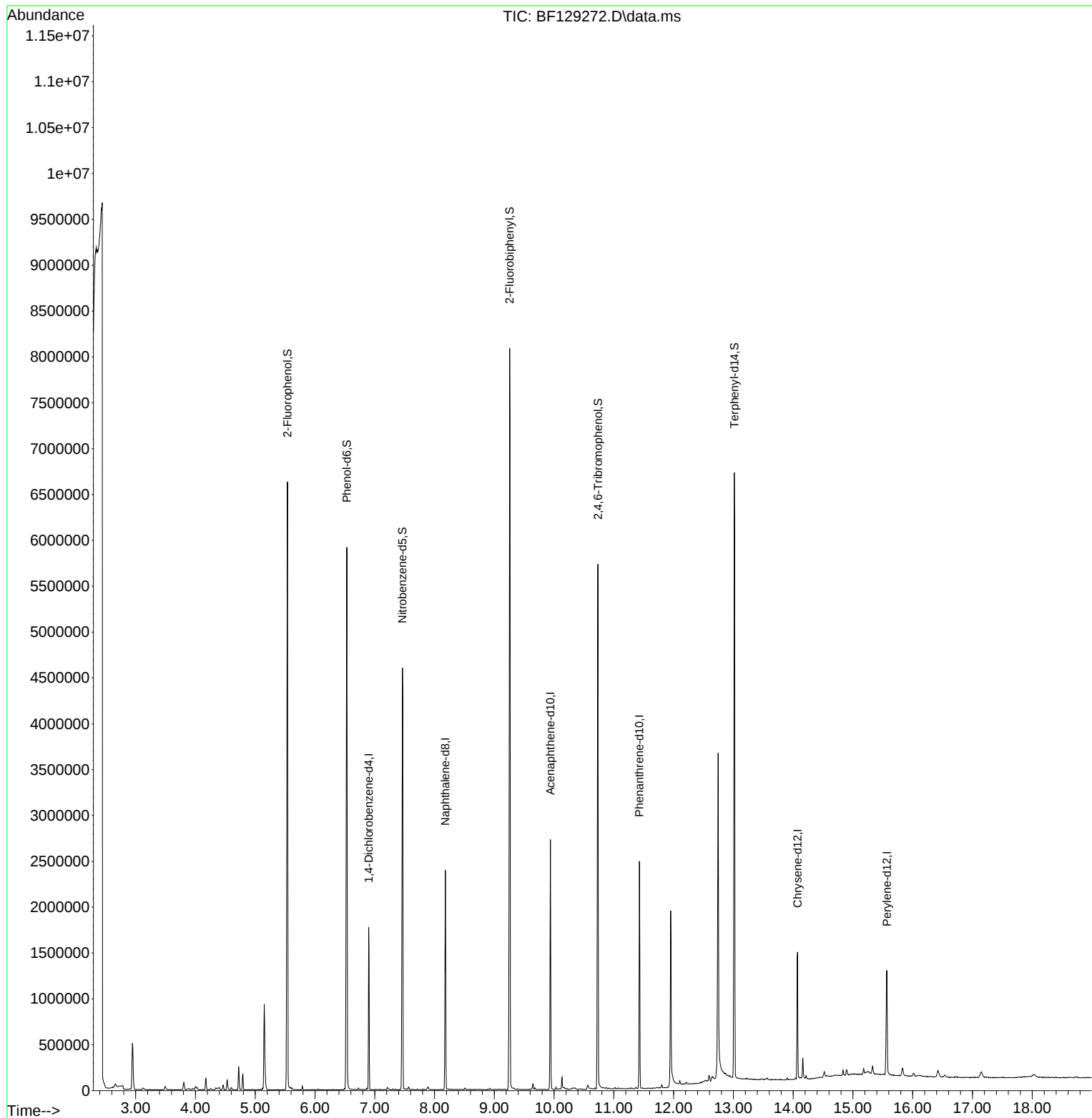
Target Compounds	Qvalue

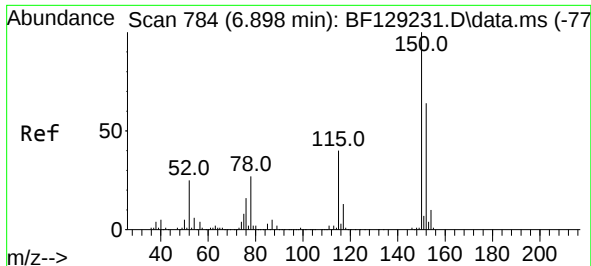
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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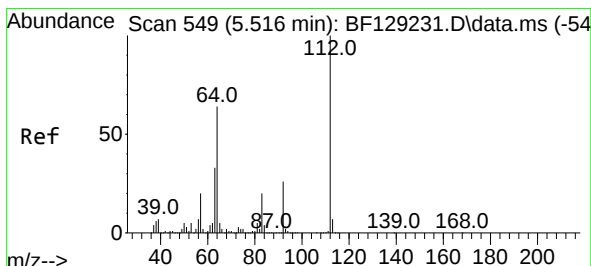
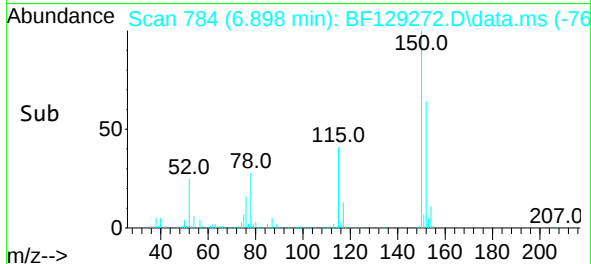
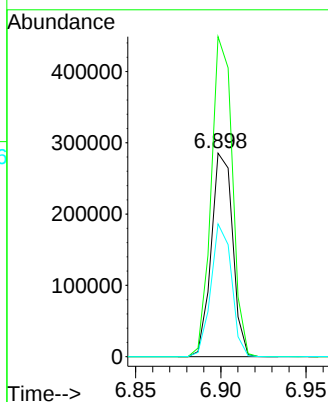
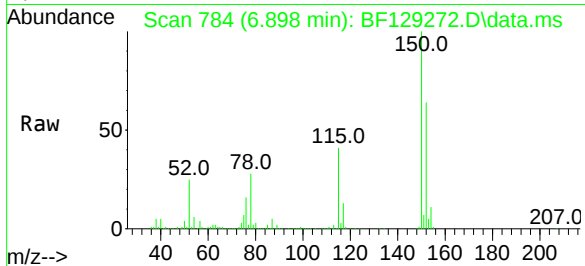




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129272.D
 Acq: 18 Jul 2022 17:34

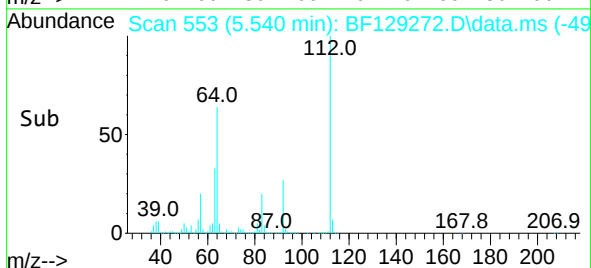
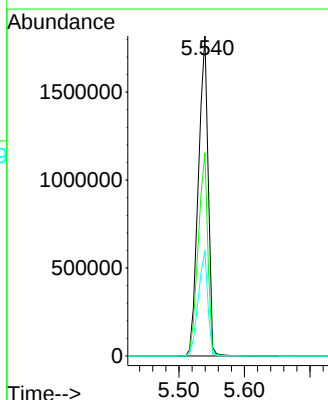
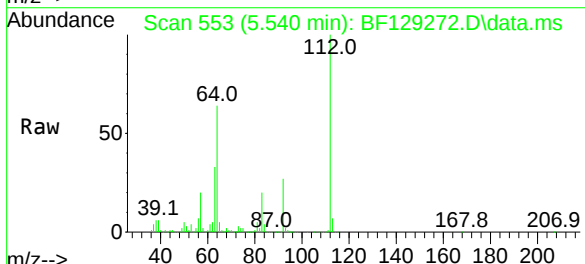
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

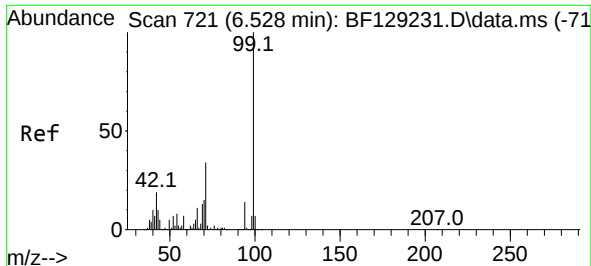
Tgt Ion:152 Resp: 249386
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 65.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.725 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.024 min
 Lab File: BF129272.D
 Acq: 18 Jul 2022 17:34

Tgt Ion:112 Resp: 1900771
 Ion Ratio Lower Upper
 112 100
 64 63.5 53.3 79.9
 63 32.8 28.0 42.0

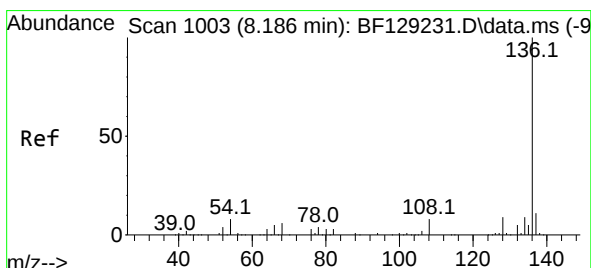
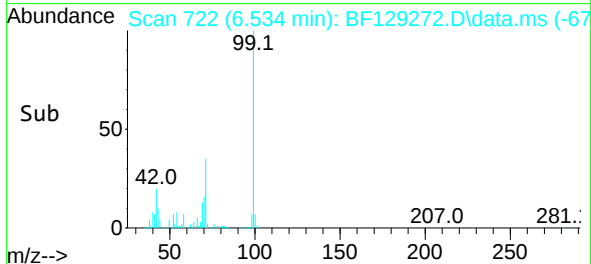
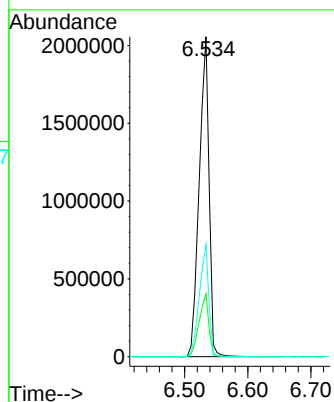
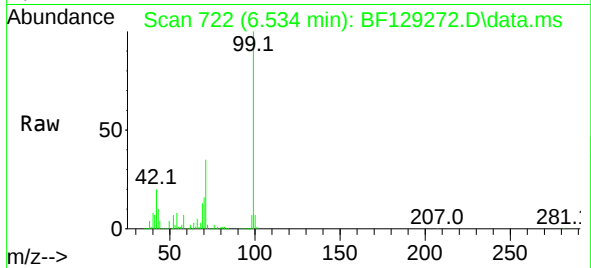




#7
Phenol-d6
Concen: 109.555 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

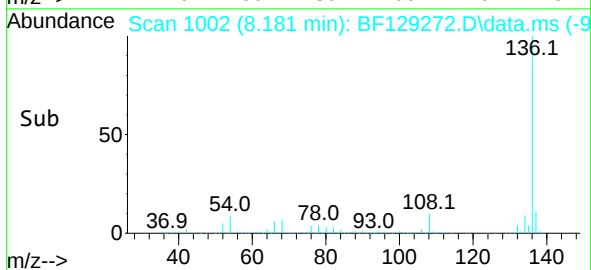
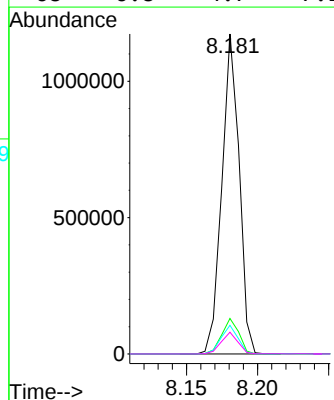
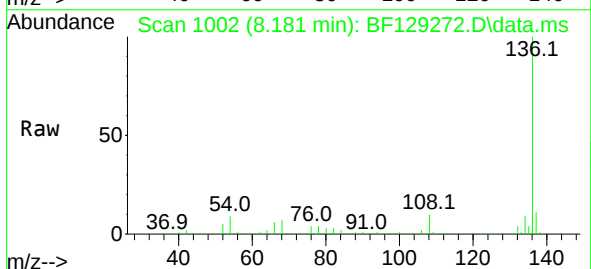
Instrument :
BNA_F
ClientSampleId :
TP-1

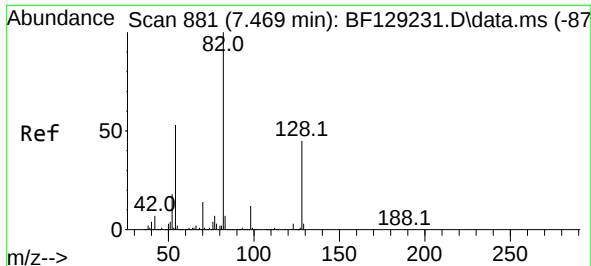
Tgt Ion: 99 Resp: 2212591
Ion Ratio Lower Upper
99 100
42 19.7 17.3 25.9
71 35.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion: 136 Resp: 991111
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 7.5 11.3
68 6.8 4.7 7.1

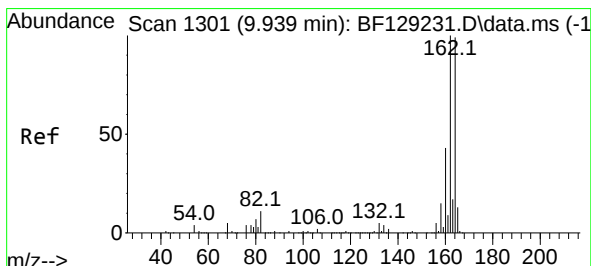
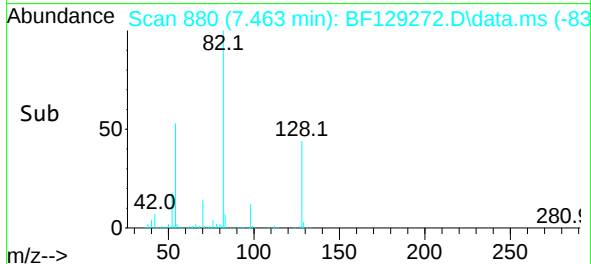
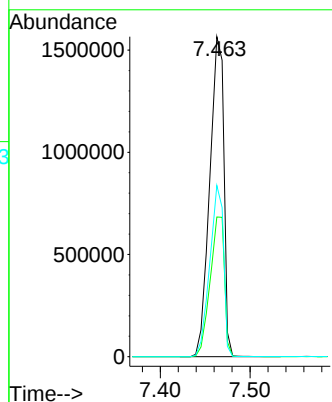
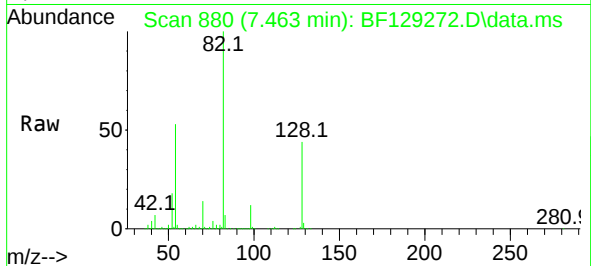




#23
Nitrobenzene-d5
Concen: 92.332 ng
RT: 7.463 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

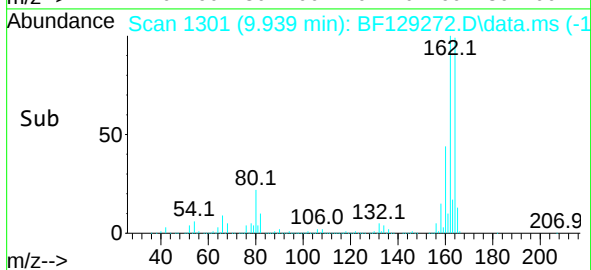
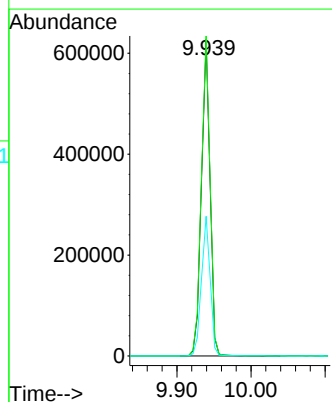
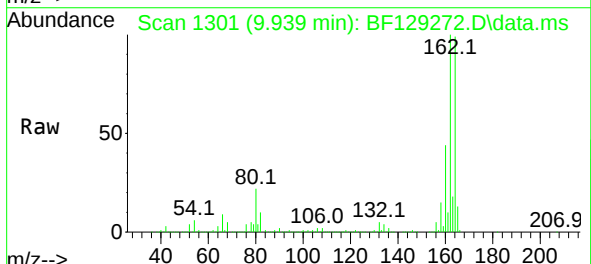
Instrument :
BNA_F
ClientSampleId :
TP-1

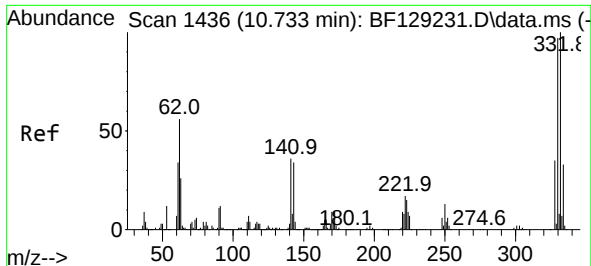
Tgt Ion: 82 Resp: 1711951
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 53.5 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion:164 Resp: 509447
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 139.129 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF129272.D

Acq: 18 Jul 2022 17:34

Instrument :

BNA_F

ClientSampleId :

TP-1

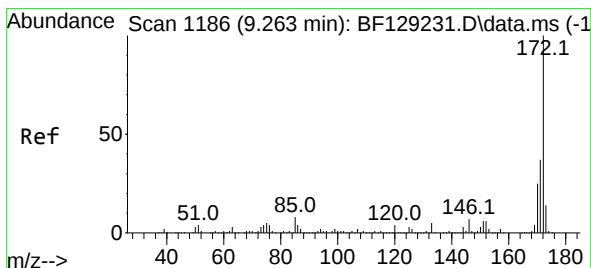
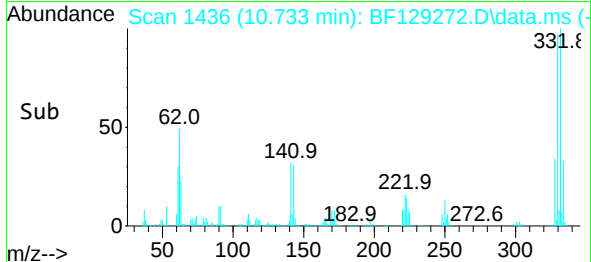
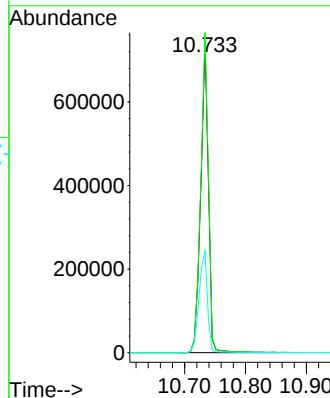
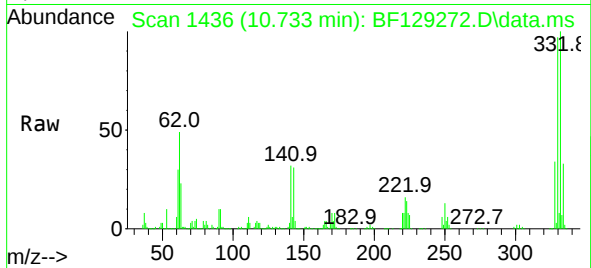
Tgt Ion:330 Resp: 657874

Ion Ratio Lower Upper

330 100

332 103.7 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 92.344 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129272.D

Acq: 18 Jul 2022 17:34

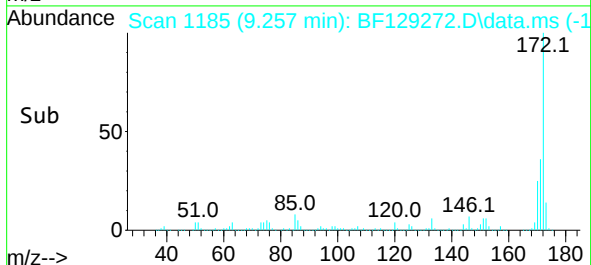
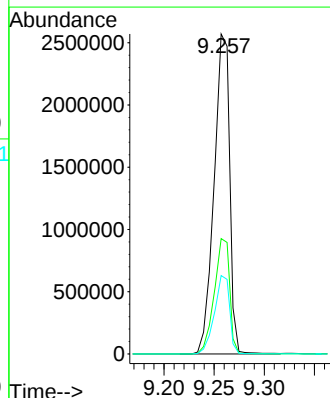
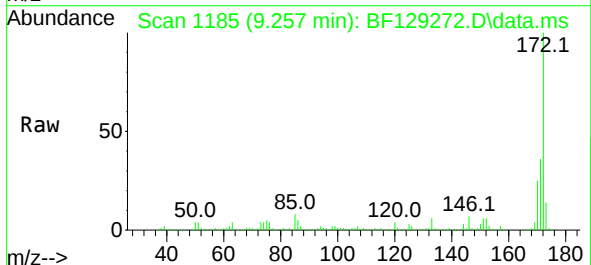
Tgt Ion:172 Resp: 2776798

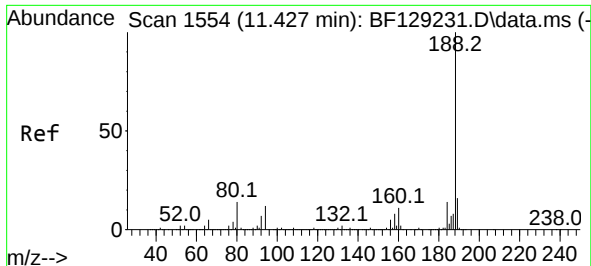
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.8 29.8

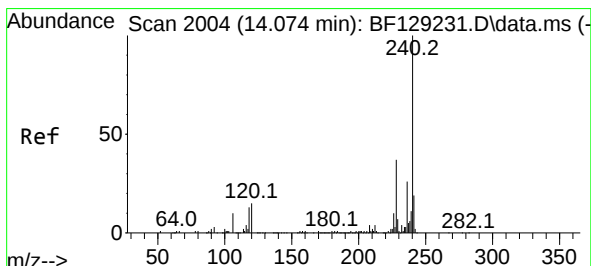
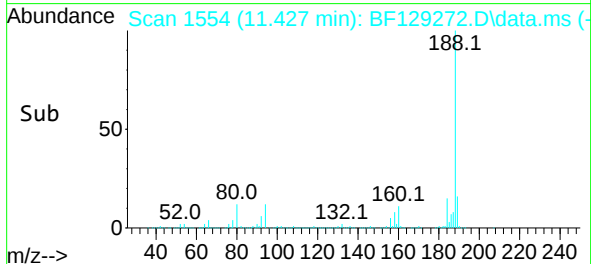
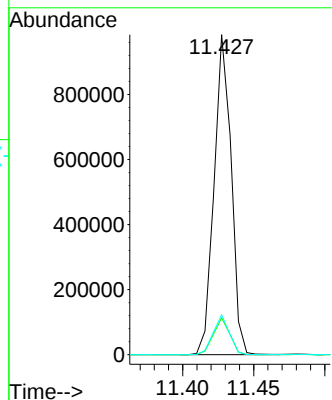
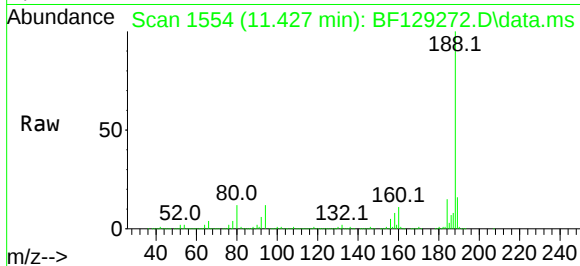




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

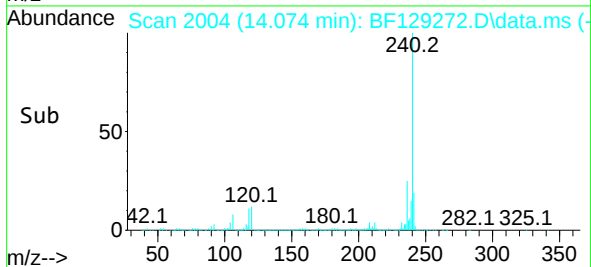
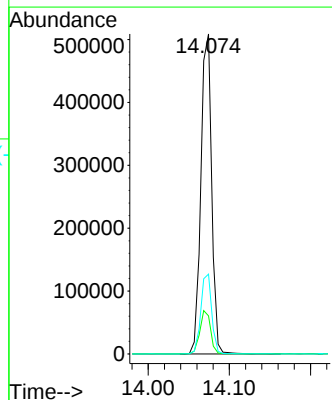
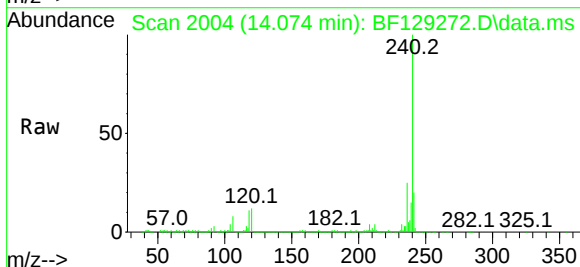
Instrument :
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TP-1

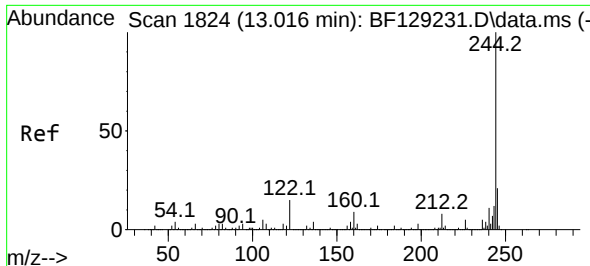
Tgt Ion:188 Resp: 820910
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 12.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion:240 Resp: 471135
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 24.9 20.8 31.2

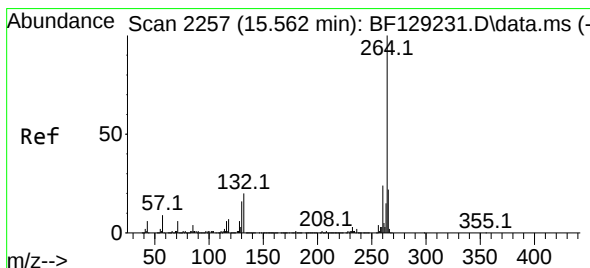
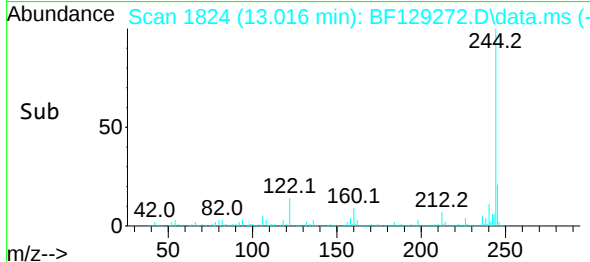
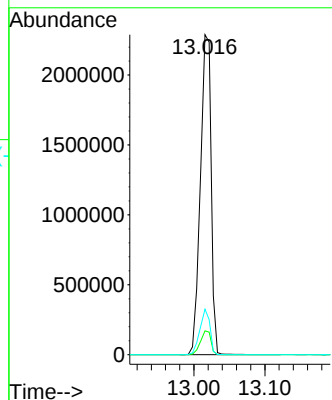
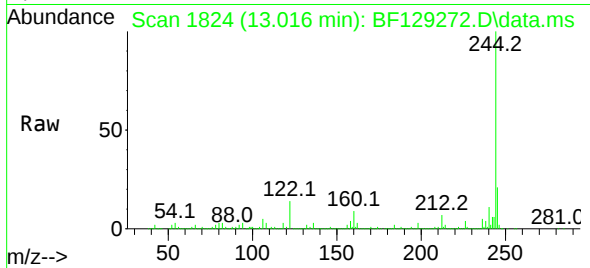




#79
 Terphenyl-d14
 Concen: 96.131 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF129272.D
 Acq: 18 Jul 2022 17:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 2421052
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 14.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. 0.006 min
 Lab File: BF129272.D
 Acq: 18 Jul 2022 17:34

Tgt Ion:264 Resp: 515919
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 17.2 25.8

